## 010008E1.APP SEQUENCE LISTING

```
<110> Aventis Pharma Deutschland GmbH
  <120> Use of fusion proteins whose N-terminal part is a
         hirudin derivative for the production of recombinant
         proteins via secretion by yeasts
  <130> DEAV2001/0008
  <140> 10108211.8
  <141> 2001-02-20
  <160> 11
  <170> PatentIn Ver. 2.1
  <210> 1
  <211> 47
  <212> DNA
  <213> Artificial Sequence
  <223> Description of Artificial Sequence:hir_insf1
  atccctgagg aataccttca gcgatttgtt aaccaacact tgtgtgg
                                                                      47
  <210> 2
  <211> 15
  <212> PRT
  <213> Artificial Sequence
  <220>
  <223> Description of Artificial Sequence:protein
Ħ.
        hir_insf1
  <400> 2
  Ile Pro Glu Glu Tyr Leu Gln Arg Phe Val Asn Gln His Leu Cys
M
  <210> 3
  <211> 47
  <212> DNA
  <213> Artificial Sequence
  <220>
  <223> Description of Artificial Sequence: hir_insrev1
  cctcacaagt gttggttaac aaatcgctga aggtattcct cagggat
                                                                      47
  <210> 4
  <211> 46
  <212> DNA
  <213> Artificial Sequence
  <223> Description of Artificial Sequence: hirf1
                                          Page 1
```

٦,

## 010008E1.APP

6.

```
<400> 4
   tttttttgga tcctttggat aaaagactta cgtatactga ctgcac
                                                                      46
   <210> 5
   <211> 6
   <212> PRT
   <213> Artificial Sequence
   <223> Description of Artificial Sequence: protein hirf1
   <400> 5
   Leu Thr Tyr Thr Asp Cys
   <210> 6
   <211> 24
   <212> DNA
   <213> Artificial Sequence
   <223> Description of Artificial Sequence: insnco1rev
₹. <400> 6
  ttttttccat gggtcgacta tcag
                                                                      24
Щ
  <210> 7
  <211> 59
   <212> DNA
   <213> Artificial Sequence
  <220>
  <223> Description of Artificial Sequence: Hir_insf
   atccctgagg aataccttca gggaaattcg gcacgatttg ttaaccaaca cttgtgtgg
FL.
   <210> 8
   <211> 12
   <212> PRT
   <213> Artificial Sequence
   <223> Description of Artificial Sequence: protein
        Hir_insf
   <400> 8
   Gly Asn Ser Ala Arg Phe Val Asn Gln His Leu Cys
   <210> 9
   <211> 59
   <212> DNA
   <213> Artificial Sequence
```

Page 2

_	220>	
	220> 223> Description of Artificial Sequence: Hir_insrev	
	400> 9 cacacaagt gttggttaac aaatcgtgcc gaatttccct gaaggtattc ctcagggat	59
< <	210> 10 211> 34 212> DNA 213> Artificial Sequence	
	220> 223> Description of Artificial Sequence: pichia_H_lf1	
-	400> 10 ttttttctc gagaaaagac ttacgtatac tgac	34
<	210> 11 211> 41 212> DNA 213> Artificial Sequence	
	220> 223> Description of Artificial Sequence: pichia_H_Irev2	
	400> 11 tttttggcg ccgaattcac tattagttac agtagttttc c	41